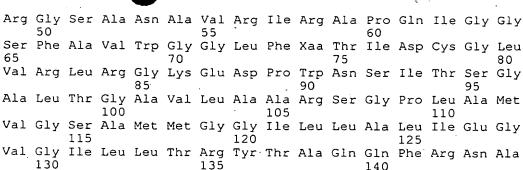
SEQUENCE LISTING

(1) GENERAL INFORMATION

- (i) APPLICANT: Hillman, Jennifer L. Goli, Surya K.
- (ii) TITLE OF THE INVENTION: NOVEL HUMAN MITOCHONDRIAL MEMBRANE PROTEIN
- (iii) NUMBER OF SEQUENCES: 4
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Incyte Pharmaceuticals, Inc.
 - (B) STREET: 3174 Porter Drive
 - (C) CITY: Palo Alto
 - (D) STATE: CA
 - (E) COUNTRY: USA (F) ZIP: 94304
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Diskette
 - (B) COMPUTER: IBM Compatible
 - (C) OPERATING SYSTEM: DOS
 - (D) SOFTWARE: FastSEQ for Windows Version 2.0
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: To Be Assigned
 - (B) FILING DATE: Filed Herewith
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER:
 - (B) FILING DATE:
- (viii) ATTORNEY/AGENT INFORMATION:
 (A) NAME: Billings, Lucy J
 (B) REGISTRATION NUMBER: 36,749

 - (C) REFERENCE/DOCKET NUMBER: PF-0229 US
- (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: 415-855-0555
 - (B) TELEFAX: 415-845-4166
 - (2) INFORMATION FOR SEQ ID NO:1:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 172 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: protein
- (vii) IMMEDIATE SOURCE:
 - (A) LIBRARY: BLADNOT04
 - (B) CLONE: 1318463
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
- Met Glu Glu Tyr Ala Arg Glu Pro Cys Pro Trp Arg Ile Val Asp Asp 10
- Cys Gly Gly Ala Phe Thr Met Gly Val Ile Gly Gly Gly Val Phe Gln 25
- Ala Ile Lys Gly Phe Arg Asn Ala Pro Val Gly Ile Arg His Arg Leu





Pro Pro Phe Leu Glu Asp Pro Ser Gln Leu Pro Pro Lys Asp Gly Thr 145 150 155 160

Pro Ala Pro Gly Tyr Pro Ser Tyr Gln Gln Tyr His 165

(2) INFORMATION FOR SEQ ID NO:2:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 655 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: cDNA
- (vii) IMMEDIATE SOURCE:
 - (A) LIBRARY: BLADNOT04
 - (B) CLONE: 1318463

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

GCGCGGNCAG	ACGNCAGCGC	CATGGAGGAG	TACGCTCGGG	AGCCCTGCCC	ATGGCGAATT	60
GTGGATGATT	GCGGTGGAGC	CTTCACTATG	GGTGTCATCG	GTGGCGGAGT	CTTCCAGGCC	120
	TCCGCAATGC					180
	TCCGAGCCCC					240
TNCACCATTG	ACTGTGGCCT	GGTGCGGCTT	CGGGGCAAGG	AGGATCCCTG	GAACTCTATC	300
	CATTGACCGG					360
GGCTCAGCAA	TGATGGGGGG	CATCCTGTTG	GCCCTCATTG	AGGGCGTTGG	CATCCTCCTC	420
ACTCGCTACA	CAGCCCAGCA	GTTCCGAAAT	GCGCCCCAT	TCCTGGAGGA	CCCCAGCCAG	480
	AGGATGGCAC					540
GGAAGCCACT	GCCACCATGG	GAGCTACTTC	TCGGTTCCCT	CCCCGATGGT	CTACCTCGAA	600
GGGAGGGCTG	GCTCCCAGTT	AGCCCTGGGA	CCCTCCAGAG	AGGGTTTCTA	TCTGT	655

(2) INFORMATION FOR SEQ ID NO:3:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 171 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: protein
- (vii) IMMEDIATE SOURCE:
 - (A) LIBRARY: GenBank
 - (B) CLONE: GI 1770564

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

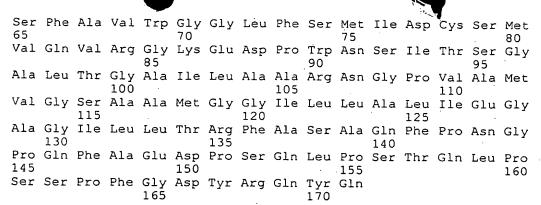
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 Tyr
 Ala
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 Pro
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 Arg
 Ile
 Val
 Asp
 Asp

 Cys
 Gly
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 Ala
 Phe
 Thr
 Met
 Gly
 Thr
 Ile
 Gly
 Gly
 Gly
 Ile
 Phe
 Gln
 30

 Ala
 Ile
 Lys
 Gly
 Phe
 Arg
 Asn
 Ser
 Pro
 Val
 Gly
 Val
 Asn
 His
 Arg
 Leu

 Arg
 Gly
 Ser
 Leu
 Thr
 Ala
 Ile
 Lys
 Thr
 Arg
 Ala
 Pro
 Gln
 Leu
 Gly
 Gly

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(2) INFORMATION FOR SEQ ID NO:4:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 158 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: protein
- (vii) IMMEDIATE SOURCE:
 - (A) LIBRARY: GenBank
 - (B) CLONE: GI 557267

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

Met Ser Ala Asp His Ser Arg Asp Pro Cys Pro Ile Val Ile Leu Asn Asp Phe Gly Gly Ala Phe Ala Met Gly Ala Ile Gly Gly Val Val Trp . 20 His Gly Ile Lys Gly Phe Arg Asn Ser Pro Leu Gly Glu Arg Gly Ser 40 Gly Ala Met Ser Ala Ile Lys Ala Arg Ala Pro Val Leu Gly Gly Asn 55 Phe Gly Val Trp Gly Gly Leu Phe Ser Thr Phe Asp Cys Ala Val Lys 70 75 Ala Val Arg Lys Arg Glu Asp Pro Trp Asn Ala Ile Ile Ala Gly Phe 85 90 95 Phe Thr Gly Gly Ala Leu Ala Val Arg Gly Gly Trp Arg His Thr Arg 100 105 Asn Ser Ser Ile Thr Cys Ala Cys Leu Leu Gly Val Ile Glu Gly Val 115 120 125 Gly Leu Met Phe Gln Arg Tyr Ala Ala Trp Gln Ala Lys Pro Met Ala 135 140 Pro Pro Leu Pro Glu Ala Pro Ser Ser Gln Pro Leu Gln Ala 150